

Form PTO-1449 (modified)

Atty. Docket No.

CLFR:023US

Serial No.

10/720,987

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant

Didier Trono

Maciej Wiznerowicz

Filing Date:

November 24, 2003

Group:

Unknown

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	2001/0009772	7/26/01	Verma <i>et al.</i>	435	325	3/12/01
	A2	2002/0034393	3/21/02	Mitrophanous <i>et al.</i>	396	661	5/18/01
	A3	2002/0034502	3/21/02	Kingsman <i>et al.</i>	424	93.21	7/25/01
	A4	2002/0123471	9/5/02	Uberla	514	44	3/3/98
	A5	2002/0160393	10/31/02	Symonds <i>et al.</i>	435	6	12/28/01
	A6	4,682,195	7/21/87	Yilmaz	357	23.4	9/30/85
	A7	4,683,202	7/28/87	Mullis	435	91	10/25/85
	A8	5,015,573	5/14/91	Yarranton <i>et al.</i>	435	69.1	12/05/88
	A9	5,019,384	5/28/91	Gefter and Guillet	424	88	11/13/89
	A10	5,466,468	11/14/95	Schneider <i>et al.</i>	424	450	10/28/94
	A11	5,645,897	7/8/97	Andra	427	526	1/30/93
	A12	5,686,279	11/11/97	Finer <i>et al.</i>	435	172.3	6/10/94
	A13	5,705,629	1/6/98	Bhongle	536	25.34	10/20/95
	A14	5,846,225	12/8/98	Rosengart <i>et al.</i>	604	115	2/19/97
	A15	5,846,233	12/8/98	Lilley <i>et al.</i>	604	414	1/9/97
	A16	5,885,570	3/23/99	Isobe <i>et al.</i>	424	93.71	1/23/91
	A17	5,912,411	6/15/99	Bujard and Gossen	800	2	6/07/95
	A18	5,925,565	7/20/99	Berlioz <i>et al.</i>	435	325	7/5/95
	A19	5,928,906	7/27/99	Koster <i>et al.</i>	435	91.2	5/9/96
	A20	5,935,819	8/10/99	Eichner <i>et al.</i>	435	69.4	1/2/97
	A21	5,981,830	11/09/99	Wu and Sadler	800	18	12/30/97
	A22	5,994,136	11/30/99	Naldini <i>et al.</i>	435	455	12/12/97
	A23	6,013,516	1/11/00	Verma <i>et al.</i>	435	325	10/6/95

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A24	6,017,758	1/25/00	Haselton, III <i>et al.</i>	435	325	2/20/98
	A25	6,084,063	7/4/00	Vonakis <i>et al.</i>	530	324	2/6/98
	A26	6,096,538	8/1/00	Kingsman <i>et al.</i>	435	325	5/22/96
	A27	6,136,597	10/24/00	Hope <i>et al.</i>	435	325	9/18/97
	A28	6,165,782	12/26/00	Naldini <i>et al.</i>	435	320.1	3/18/99
	A29	6,168,916 B1	1/2/01	Kingsman <i>et al.</i>	435	5	12/16/96
	A30	6,207,455 B1	3/27/01	Chang	435	457	9/22/97
	A31	6,218,181 B1	4/17/01	Verma <i>et al.</i>	435	369	9/3/98
	A32	6,218,186 B1	4/17/01	Choi <i>et al.</i>	435	456	11/12/99
	A33	6,235,522 B1	5/22/01	Kingsman <i>et al.</i>	435	320.1	10/17/97
	A34	6,242,258 B1	6/5/01	Haselton, III <i>et al.</i>	435	455	1/5/00
	A35	6,271,359 B1	8/7/01	Norris <i>et al.</i>	536	23.1	4/14/99
	A36	6,277,633 B1	8/21/01	Olsen	435	320.1	5/12/98
	A37	6,312,682 B1	11/6/01	Kingsman <i>et al.</i>	424	93.2	12/28/98
	A38	6,312,683 B1	11/6/01	Kingsman <i>et al.</i>	424	93.2	1/27/99
	A39	6,340,741	1/22/02	Mermod <i>et al.</i>	530	350	8/09/99
	A40	6,428,953 B1	8/6/02	Naldini <i>et al.</i>	435	5	6/26/00
	A41	6,440,730 B1	8/27/02	Von Laer <i>et al.</i>	435	325	3/11/99
	A42	6,444,871	9/03/02	Yao	800	4	2/27/01
	A43	6,531,123	3/11/03	Chang	424	93.2	5/25/99

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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0266032	5/4/88	Europe			
	B2	WO 00/15819	3/23/00	PCT			
	B3	WO 00/55335	9/21/00	PCT			
	B4	WO 01/27304	4/19/01	PCT			
	B5	WO 01/34843	5/17/01	PCT			
	B6	WO 01/44481	6/21/01	PCT			
	B7	WO 01/92506	12/6/01	PCT			
	B8	WO 02/087341	11/7/02	PCT			
	B9	WO 99/04026	1/28/99	PCT			

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Exam. Init.	Ref. Des.	Citation
	C1	"A Phase I study of Ex vivo nerve growth factor gene therapy for Alzheimer's disease," sponsored by the Shiley Family Trust Institute for the Study of Aging, University of California, San Diego, Study ID Numbers IA0029, last reviewed June 2001.
	C2	"Ceregene exclusively licenses Neuturin gene from Washington University," Ceregene, Inc. Press Release, December 4, 2002.
	C3	Abbas-Terki <i>et al.</i> , "Lentiviral-mediate RNA interference," <i>Human Gene Ther.</i> , 13:2197-2201, 2002.
	C4	Akkina <i>et al.</i> , "High-efficiency gene transfer into CD34+ cells with a human immunodeficiency virus type 1-based retroviral vector pseudotyped with vesicular stomatitis virus envelope glycoprotein G," <i>J. Virol.</i> , 70:2581-2585, 1996.
	C5	Almendo <i>et al.</i> , "Cloning of the human platelet endothelial cell adhesion molecule-1 promoter and its tissue-specific expression. Structural and functional characterization," <i>J. Immunol.</i> , 157(12):5411-5421, 1996.

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	C6	An <i>et al.</i> , "Marking and gene expression by a lentivirus vector in transplanted human and nonhuman primate CD34(+) cells," <i>J. Virol.</i> , 74:1286-1295, 2000.
	C7	Angel <i>et al.</i> , "12-0-tetradecanoyl-phorbol-13-acetate Induction of the Human Collagenase Gene is Mediated by an Inducible Enhancer Element Located in the 5' Flanking Region," <i>Mol. Cell. Biol.</i> , 7:2256-2266, 1987.
	C8	Angel <i>et al.</i> , "Phorbol Ester-Inducible Genes Contain a Common cis Element Recognized by a TPA-Modulated Trans-acting Factor," <i>Cell</i> , 49:729-739, 1987.
	C9	Arrighi <i>et al.</i> , "Long-term culture of human CD34(+) progenitors with FLT3-ligand, thrombopoietin, and stem cell factor induces extensive amplification of a CD34(-)CD14(-) and CD34(-)CD14(+) dendritic cell precursor," <i>Blood</i> , 93:2244-2252, 1999.
	C10	Atchison and Perry, "Tandem Kappa Immunoglobulin Promoters are Equally Active in the Presence of the Kappa Enhancer: Implications for Model of Enhancer Function," <i>Cell</i> , 46:253-262, 1986.
	C11	Atchison and Perry, "The Role of the κ Enhancer and its Binding Factor NF- κ B in the Developmental Regulation of κ Gene Transcription," <i>Cell</i> , 48:121-128, 1987.
	C12	Ayer <i>et al.</i> , "Mad proteins contain a dominant transcription repression domain," <i>Mol. Cell. Biol.</i> , 16:5772-5781, 1996.
	C13	Baim <i>et al.</i> , "A chimeric mammalian transactivator based on the lac repressor that is regulated by temperature and isopropyl β -D-thiogalactopyranoside," <i>Proc. Natl. Acad. Sci., USA</i> , 88:5072-5076, 1991.
	C14	Banerji <i>et al.</i> , "A lymphocyte-specific cellular enhancer is located downstream of the joining region in immunoglobulin heavy-chain genes," <i>Cell</i> , 35:729-740, 1983.
	C15	Banerji <i>et al.</i> , "Expression of a Beta-Globin Gene is Enhanced by Remote SV40 DNA Sequences," <i>Cell</i> , 27:299-308, 1981.
	C16	Barton and Medzhitov, "Retroviral delivery of small interfering RNA into primary cells," <i>Proc. Natl. Acad. Sci., USA</i> , 99(23):14943-14945, 2002.
	C17	Berkhout <i>et al.</i> , "Tat Trans-activates the Human Immunodeficiency Virus Through a Nascent RNA Target," <i>Cell</i> , 59:273-282, 1989.

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	C18	Bhatia <i>et al.</i> , "Quantitative analysis reveals expansion of human hematopoietic repopulating cells after short-term <i>ex vivo</i> culture," <i>J. Exp. Med.</i> , 186:619-624, 1997.
	C19	Blonar <i>et al.</i> , "A gamma-interferon-induced factor that binds the interferon response sequence of the MHC class I gene, H-2Kb," <i>EMBO J.</i> , 8:1139-1144, 1989.
	C20	Blömer <i>et al.</i> , "Highly efficient and sustained gene transfer in adult neurons with a lentivirus vector," <i>J. Virol.</i> , 71:6641-6649, 1997.
	C21	Bodine and Ley, "An enhancer element lies 3' to the human α globin gene," <i>EMBO J.</i> , 6:2997-3004, 1987.
	C22	Boshart <i>et al.</i> , "A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus," <i>Cell</i> , 41:521-530, 1985.
	C23	Bösze <i>et al.</i> , "A transcriptional enhancer with specificity for erythroid cells is located in the long terminal repeat of the friend murine leukemia virus," <i>EMBO J.</i> , 5:1615-1623, 1986.
	C24	Braddock <i>et al.</i> , "HIV-I Tat activates presynthesized RNA in the nucleus," <i>Cell</i> , 58:269-279, 1989.
	C25	Brasemann <i>et al.</i> , "A selective transcriptional induction system for mammalian cells based on Gal4-estrogen receptor fusion proteins," <i>Proc. Natl. Acad. Sci., USA</i> , 90:1657-1661, 1993.
	C26	Bray <i>et al.</i> , "A small element from the Mason-Pfizer monkey virus genome makes human immunodeficiency virus type 1 expression and replication Rev-independent," <i>Proc. Natl. Acad. Sci. USA</i> , 91:1256-1260, 1994.
	C27	Brown <i>et al.</i> , "Efficient polyadenylation within the human immunodeficiency virus type 1 long terminal repeat requires flanking U3-specific sequences," <i>J. Virol.</i> , 65:3340-3343, 1991.
	C28	Brown <i>et al.</i> , "Tac repressor can regulate expression from a hybrid SV40 early promoter containing a lac operator in animal cells," <i>Cell</i> , 49:603-612, 1987.
	C29	Brummelkamp <i>et al.</i> , "A system for stable expression of short interfering RNAs in mammalian cells," <i>Science</i> , 296:550-553, 2002.
	C30	Bulla and Siddiqui, "The hepatitis B virus enhancer modulates transcription of the hepatitis B virus surface-antigen gene from an internal location," <i>J. Virol.</i> , 62:1437-1441, 1988.

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	C31	Campbell and Villarreal, "Functional analysis of the individual enhancer core sequences of polyomavirus: cell-specific uncoupling of DNA replication from transcription," <i>Mol. Cell. Biol.</i> , 8:1993-2004, 1988.
	C32	Camper and Tilghman, "Postnatal repression of the α -fetoprotein gene is enhancer independent," <i>Genes and Dev.</i> , 3:537-546, 1989.
	C33	Campo <i>et al.</i> , "Transcriptional control signals in the genome of bovine papilloma virus type 1," <i>Nature</i> , 303:77-80, 1983.
	C34	Carbonelli <i>et al.</i> , "A plasmid vector for isolation of strong promoters in <i>E. coli</i> ," <i>FEMS Microbiol Lett.</i> 177(1):75-82, 1999.
	C35	Carmell <i>et al.</i> , "Germline transmission of RNAi in mice," <i>Nat. Struct. Biol.</i> , 10(2):91-92, 2003.
	C36	Case <i>et al.</i> , "Stable transduction of quiescent CD34(+)CD38(-) human hematopoietic cells by HIV-1 based lentiviral vectors," <i>Proc. Natl. Acad. Sci. USA</i> , 96:2988-2993, 1999.
	C37	Celander and Haseltine, "Glucocorticoid Regulation of Murine Leukemia Virus Transcription Elements is Specified by Determinants Within the Viral Enhancer Region," <i>J. Virology</i> , 61:269-275, 1987.
	C38	Celander <i>et al.</i> , "Regulatory Elements Within the Murine Leukemia Virus Enhancer Regions Mediate Glucocorticoid Responsiveness," <i>J. Virology</i> , 62:1314-1322, 1988.
	C39	Chandler <i>et al.</i> , "DNA Sequences Bound Specifically by Glucocorticoid Receptor in vitro Render a Heterologous Promoter Hormone Responsive in vivo," <i>Cell</i> , 33:489-499, 1983.
	C40	Chandler <i>et al.</i> , "RNA splicing specificity determined by the coordinated action of RNA recognition motifs in SR proteins," <i>Proc Natl Acad Sci U S A.</i> 94(8):3596-3601, 1997.
	C41	Chang <i>et al.</i> , "Glucose-regulated Protein (GRP94 and GRP78) Genes Share Common Regulatory Domains and are Coordinately Regulated by Common Trans-acting Factors," <i>Mol. Cell. Biol.</i> , 9:2153-2162, 1989.
	C42	Charneau <i>et al.</i> , "HIV-1 reverse transcription: a termination step at the center of the genome," <i>J. Mol. Biol.</i> 241:651-662, 1994.
	C43	Chatterjee <i>et al.</i> , "Negative Regulation of the Thyroid-Stimulating Hormone Alpha Gene by Thyroid Hormone: Receptor Interaction Adjacent to the TATA Box," <i>Proc Natl. Acad Sci. U.S.A.</i> , 86:9114-9118, 1989.

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	C44	Chen and Okayama, "High-efficiency transformation of mammalian cells by plasmid DNA," <i>Mol. Cell. Biol.</i> , 7:2745-2752, 1987
	C45	Cherrington and Ganem, "Regulation of polyadenylation in human immunodeficiency virus (HIV): contributions of promoter proximity and upstream sequences," <i>Embo. J.</i> , 11:1513-1524, 1992.
	C46	Choi <i>et al.</i> , "An altered pattern of cross-resistance in multi-drug-resistant human cells results from spontaneous mutations in the <i>mdr-1</i> (p-glycoprotein) gene," <i>Cell</i> , 53:519-529, 1988.
	C47	Coccea, "Duplication of a region in the multiple cloning site of a plasmid vector to enhance cloning-mediated addition of restriction sites to a DNA fragment," <i>Biotechniques</i> , 23:814-816, 1997
	C48	Cohen <i>et al.</i> , "A Repetitive Sequence Element 3' of the Human c-Ha-ras1 Gene Has Enhancer Activity," <i>J. Cell. Physiol. Suppl.</i> , 5:75-81, 1987.
	C49	Colombatti <i>et al.</i> , "Selective killing of target cells by antibody-ricin a chain or antibody-gelonin hybrid molecules: comparison of cytotoxic potency and use in immunoselection procedures," <i>J. Immunol.</i> , 131(6):3091-3095, 1983.
	C50	Corbeau, <i>et al.</i> , "Efficient gene transfer by a human immunodeficiency virus type 1 (HIV-1)-derived vector utilizing a stable HIV packaging cell line," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 93:14070-14075, 1996.
	C51	Costa <i>et al.</i> , "The Cell-Specific Enhancer of the Mouse Transthyretin (Prealbumin) Gene Binds a Common Factor at One Site and a Liver-Specific Factor(s) at Two Other Sites," <i>Mol. Cell. Biol.</i> , 8:81-90, 1988.
	C52	Cripe <i>et al.</i> , "Transcriptional Regulation of the Human Papilloma Virus-16 E6-E7 Promoter by a Keratinocyte-Dependent Enhancer, and by Viral E2 Trans-Activator and Repressor Gene Products: Implications for Cervical Carcinogenesis," <i>EMBO J.</i> , 6:3745-3753, 1987.
	C53	Culotta and Hamer, "Fine Mapping of a Mouse Metallothionein Gene Metal-Response Element," <i>Mol. Cell. Biol.</i> , 9:1376-1380, 1989.
	C54	Cultraro <i>et al.</i> , "Function of the c-Myc antagonist Mad1 during a molecular switch from proliferation to differentiation," <i>Mol. Cell. Biol.</i> , 17(5):2353-2359, 1997.
	C55	Dandolo <i>et al.</i> , "Regulation of Polyoma Virus Transcription in Murine Embryonal Carcinoma Cells," <i>J. Virology</i> , 47:55-64, 1983.

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	C56	Dao <i>et al.</i> , "Adhesion to fibronectin maintains regenerative capacity during <i>ex vivo</i> , culture and transduction of human hematopoietic stem and progenitor cells," <i>Blood</i> , 92:4612-4621, 1998.
	C57	Dao <i>et al.</i> , "FLT3 ligand preserves the ability of human CD34+ progenitors to sustain long-term hematopoiesis in immune-deficient mice after <i>ex vivo</i> retroviral-mediated transduction," <i>Blood</i> , 89:446-456, 1997.
	C58	Das <i>et al.</i> , "A conserved hairpin motif in the R-U5 region of the human immunodeficiency virus type 1 RNA genome is essential for replication," <i>J. Virol.</i> 71:2346-2356, 1997.
	C59	De Villiers <i>et al.</i> , "Polyoma Virus DNA Replication Requires an Enhancer," <i>Nature</i> , 312:242-246, 1984.
	C60	Deschamps <i>et al.</i> , "Identification of a Transcriptional Enhancer Element Upstream From the Proto-Oncogene Fos," <i>Science</i> , 230:1174-1177, 1985.
	C61	Deuschle <i>et al.</i> , "Regulated expression of foreign genes in mammalian cells under the control of coliphage T3 RNA polymerase and lac repressor," <i>Proc. Natl. Acad. Sci., USA</i> , 86:5400-5405, 1989.
	C62	Deuschle <i>et al.</i> , "RNA polymerase II transcription blocked by Escherichia coli lac repressor," <i>Science</i> , 248:480-483, 1990.
	C63	Deuschle <i>et al.</i> , "Tetracycline-reversible silencing of eukaryotic promoters," <i>Mol. Cell. Biol.</i> , 15(4):1907-1914, 1995.
	C64	Devroe and Silver, "Retrovirus-delivered siRNA," <i>BMC Biotechnol.</i> , 2(1):15, 2002.
	C65	DeZazzo <i>et al.</i> , "Involvement of long terminal repeat U3 sequences overlapping the transcription control region in human immunodeficiency virus type 1 mRNA 3' end formation," <i>Mol. Cell. Biol.</i> , 11:1624-1630, 1991.
	C66	Donello <i>et al.</i> , "Woodchuck hepatitis virus contains a tripartite posttranscriptional regulatory element," <i>J. Virol.</i> , 72:5085-5092, 1998
	C67	Donzé and Picard, "RNA interference in mammalian cells using siRNAs synthesized with T7 RNA polymerase," <i>Nucleic Acids Research</i> , 30(10):e46, 2002.
	C68	Dorrell <i>et al.</i> , "Expansion of human cord blood CD34(+)CD38(-) cells in <i>ex vivo</i> culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function," <i>Blood</i> , 95:102-110, 2000.

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	C271	Tur-Kaspa <i>et al.</i> , "Use of electroporation to introduce biologically active foreign genes into primary rat hepatocytes," <i>Mol. Cell Biol.</i> , 6:716-718, 1986.
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	C273	Uchida <i>et al.</i> , "HIV, but not murine leukemia virus, vectors mediate high efficiency gene transfer into freshly isolated G0/G1 human hematopoietic stem cells," <i>Proc. Natl. Acad. Sci. USA</i> , 95:11939-11944, 1998.

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Form PTO-1449 (modified)		Atty. Docket No. CLFR:023US	Serial No. 10/720,987
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Didier Trono Maciej Wiznerowicz	
		Filing Date: November 24, 2003	Group: Unknown
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	C284	Weber <i>et al.</i> , "Macrolide-based transgene control in mammalian cells and mice," <i>Nat. Biotech.</i> , 20:901-907, 2002.
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